

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2005/000140

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K33/24 A61K31/28 A61K31/663 A61K31/56 A61K31/57

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/028742 A (COCKBAIN JULIAN ; FAGERLUND BJOERN JARL (NO); JELLUM EGIL (NO); SANTOS) 10 April 2003 (2003-04-10) pages 3-11; claims 16,17; examples 14-16,19,33	22,23
A		5-7,10, 15-19
X	EP 0 737 471 A (L'OREAL) 16 October 1996 (1996-10-16) page 4, lines 2-5; claims 8-13,19,34,38,43; example 20	22,23
A	BROUSSE C: "Osteoarticular complications of corticotherapy" HEPATO-GASTRO 2000 FRANCE, vol. 7, no. 3, 2000, pages 173-178, XP008040683 ISSN: 1253-7020 page 176, left-hand column, paragraphs 2,3	1,7,9, 10,15, 16,22
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

30 June 2005

Date of mailing of the international search report

26/07/2005

Name and mailing address of the ISA

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Kanbier, D

INTERNATIONAL SEARCH REPORT

International Application No
PC1/DK2005/000140

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"DEPISTAGE ISOTOPIQUE DE L'OSTEONECROSE" NOUVELLE PRESSE MEDICALE, PRESSE MEDICALE, PARIS, FR, vol. 2, no. 9, 3 March 1973 (1973-03-03), page 583, XP008040684 ISSN: 0301-1518 the whole document</p>	1-21
A	<p>BEERS, BERKOW (EDS): "The Merck Manual of diagnosis and therapy, 17th edn" 1999, MERCK RESEARCH LABORATORIES , XP002334211 pages 453-454</p>	1-21
A	<p>SOERDJBALIE-MAIKOE, VIDYA ET AL: "Strontium-89 (Metastron) and the bisphosphonate olpadronate reduce the incidence of spinal cord compression in patients with hormone-refractory prostate cancer metastatic to the skeleton" EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING , 29(4), 494-498 CODEN: EJNMA6, 2002, XP008040694 page 497 page 495</p>	1,9,12, 15-19, 21,22
A	<p>MARIE, P. J. ET AL: "Mechanisms of action and therapeutic potential of strontium in bone" CALCIFIED TISSUE INTERNATIONAL , 69(3), 121-129 CODEN: CTINDZ; ISSN: 0171-967X, 2001, XP008040696 pages 121-125 page 127, right-hand column</p>	1,9,14, 16-20
A	<p>REGINSTER J-Y: "Strontium ranelate in osteoporosis" CURRENT PHARMACEUTICAL DESIGN 2002 NETHERLANDS, vol. 8, no. 21, 2002, pages 1907-1916, XP008024667 ISSN: 1381-6128 page 1908, left-hand column, paragraph 2 page 1909, right-hand column, paragraph 4 page 1915</p>	1,9,14, 16-19, 21,22
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INTERNATIONAL SEARCH REPORT

Int lonal Application No
PC1/DK2005/000140

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MARIE P J ET AL: "AN UNCOUPLING AGENT CONTAINING STRONTIUM PREVENTS BONE LOSS BY DEPRESSING BONE RESORPTION AND MAINTAINING BONE FORMATION IN ESTROGEN-DEFICIENT RATS" JOURNAL OF BONE AND MINERAL RESEARCH, NEW YORK, NY, US, vol. 8, no. 5, 1 May 1993 (1993-05-01), pages 607-615, XP000646111 ISSN: 0884-0431 page 608, left-hand column	1,9,14, 16-19,22
A	US 2002/018748 A1 (SATZ ROSEANNE ET AL) 14 February 2002 (2002-02-14) paragraphs '0005!, '0007!; claim 1	1,9,14, 16-19,22

INTERNATIONAL SEARCH REPORT

national application No.
PCT/DK2005/000140

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-19 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l Application No
PCT/DK2005/000140

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03028742	A	10-04-2003	CA 2499814 A1	10-04-2003
			CN 1585646 A	23-02-2005
			EP 1429792 A1	23-06-2004
			WO 03028742 A1	10-04-2003
			JP 2005507396 T	17-03-2005
			US 2005013877 A1	20-01-2005
EP 0737471	A	16-10-1996	FR 2732599 A1	11-10-1996
			FR 2732600 A1	11-10-1996
			FR 2732601 A1	11-10-1996
			FR 2732602 A1	11-10-1996
			CA 2173689 A1	11-10-1996
			EP 0737471 A2	16-10-1996
			NO 961371 A	11-10-1996
			US 5851556 A	22-12-1998
US 2002018748	A1	14-02-2002	NONE	